

GenCore version 5.1.3  
Copyright (c) 1993 - 2002 Compugen Ltd.

## OM protein - protein search, using sw model

Run on: December 10, 2002, 11:37:12 ; Search time 9.14286 Seconds

(without alignments)  
25.745 Million cell updates/sec

Title: US-09-872-623-6

Perfect score: 45

Sequence: 1 EMTPVNPQ 8

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 132970

Minimum DB seq length: 0

Maximum DB seq length: 20

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

Database |

Issued\_Patents\_AA:\*

- 1: /cgnd\_6/ptodata/1/1aa/5A\_COMB.pep:\*
- 2: /cgnd\_6/ptodata/1/1aa/5B\_COMB.pep:\*
- 3: /cgnd\_6/ptodata/1/1aa/6A\_COMB.pep:\*
- 4: /cgnd\_6/ptodata/1/1aa/6B\_COMB.pep:\*
- 5: /cgnd\_6/ptodata/1/1aa/6C\_COMB.pep:\*
- 6: /cgnd\_6/ptodata/1/1aa/backfile1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the total score distribution, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	45	100.0	8	1 US-08-636-386-4	Sequence 4, Appl1
2	45	100.0	8	5 PCT-US95-13848-4	Sequence 4, Appl1
3	45	100.0	10	1 US-08-636-386-5	Sequence 5, Appl1
4	45	100.0	10	5 PCT-US95-13848-5	Sequence 5, Appl1
5	29	64.4	14	1 US-08-460-874A41	Sequence 41, Appl1
6	29	64.4	14	2 US-08-388-83B41	Sequence 41, Appl1
7	29	64.4	14	4 US-08-462-21A41	Sequence 41, Appl1
8	29	64.4	19	1 US-08-460-874A41	Sequence 41, Appl1
9	29	64.4	19	2 US-08-388-83B41	Sequence 10, Appl1
10	29	64.4	19	4 US-08-462-21A41	Sequence 10, Appl1
11	29	64.4	20	4 US-08-935-008A5	Sequence 5, Appl1
12	28	62.2	16	4 US-09-294-4575	Sequence 5, Appl1
13	28	62.2	18	2 US-08-759-5995	Sequence 5, Appl1
14	28	62.2	19	1 US-08-937-067-19	Sequence 19, Appl1
15	27	60.0	15	1 US-07-905-667A19	Sequence 19, Appl1
16	27	60.0	15	3 US-08-484-81-19	Sequence 19, Appl1
17	27	60.0	15	5 PCT-US93-10107-19	Sequence 19, Appl1
18	26	57.8	12	2 US-08-914-222-25	Sequence 25, Appl1
19	26	57.8	12	2 US-08-933-404-25	Sequence 25, Appl1
20	26	57.8	12	2 US-09-207-622-25	Sequence 25, Appl1
21	26	57.8	12	2 US-08-332-818-25	Sequence 25, Appl1
22	26	57.8	12	3 US-09-331-797-25	Sequence 25, Appl1
23	26	57.8	12	3 US-08-914-24-25	Sequence 25, Appl1
24	26	57.8	12	3 US-08-333-843-25	Sequence 25, Appl1
25	26	57.8	12	4 US-08-334-223-25	Sequence 25, Appl1
26	57.8	12	4 US-09-413-192-25	Sequence 25, Appl1	
27	57.8	14	2 US-08-574-959A-12	Sequence 12, Appl1	

## ALIGNMENTS

RESULT 1	US-08-636-386-4	Sequence 4, Application US/08636386	Patent No. 5707963
GENERAL INFORMATION:			
APPLICANT: Mizerewski, Gerald J.			
TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF			
NUMBER OF SEQUENCES: 11			
CORRESPONDENCE ADDRESS:			
ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP			
STREET: Clinton Square, P.O. Box 1051			
CITY: Rochester			
STATE: New York			
COUNTRY: U.S.A.			
ZIP: 14603-1051			
COMPUTER READABLE FORM:			
MEDIUM TYPE: Floppy disk			
COMPUTER: IBM PC compatible			
OPERATING SYSTEM: PC-DOS/MS-DOS			
CURRENT APPLICATION DATA:			
APPLICATION NUMBER: US/08/636,386			
FILING DATE: 23-APR-1996			
CLASSIFICATION: 435			
PRIOR APPLICATION DATA:			
APPLICATION NUMBER: US 08/329,506			
FILING DATE: 2-OCT-1994			
PRIOR APPLICATION DATA:			
APPLICATION NUMBER: PCT/US95/13848			
FILING DATE: 23-OCT-1995			
ATTORNEY/AGENT INFORMATION:			
NAME: Timian, Susan			
REGISTRATION NUMBER: 34,103			
REFERENCE/DOCKET NUMBER: 20894/42			
TELEPHONE: (716) 263-1634			
TELEFAX: (716) 261-1600			
INFORMATION FOR SEQ ID NO: 4:			
SEQUENCE CHARACTERISTICS:			
LENGTH: 8 amino acids			
TYPE: amino acid			
STRANDEDNESS: not relevant			
TOPOLOGY: linear			
MOLECULE TYPE: peptide			
US-08-636-386-4			
Query Match	100.0%	Score 45;	DB 1;
Best Local Similarity	100.0%	Pred. No. 2+05;	Mismatches 0;
Matches 8;	Conservative	Indels 0;	Gaps 0;

Qy 1 EMTPVNPQ 8  
Db 1 11111111  
Db 1 EMTPVNPQ 8

**RESULT 2**  
PCT-US95-13848-4  
; Sequence 4, Application PC/TUSS9513848  
; GENERAL INFORMATION:  
; APPLICANT: HEALTH RESEARCH, INCORPORATED and MIZEJEWSKI, Gerald J.  
; TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF  
; TITLE OF INVENTION: USING SAME  
; NUMBER OF SEQUENCES: 11  
; CORRESPONDENCE ADDRESS:  
; STREET: P.O. Box 1051, Clinton Square  
; CITY: Rochester  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 14603  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US95/13848  
; FILING DATE:  
; CLASSIFICATION:  
; PRIORITY APPLICATION DATA:  
; APPLICATION NUMBER: US 08/6329, 506  
; FILING DATE: 26-OCT-1994  
; PRIORITY APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US95/13848  
; FILING DATE:  
; CLASSIFICATION:  
; PRIORITY APPLICATION DATA:  
; APPLICATION NUMBER: US 08/329, 506  
; FILING DATE: 26-OCT-1994  
; PRIORITY APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US95/13848  
; FILING DATE:  
; CLASSIFICATION:  
; PRIORITY APPLICATION DATA:  
; APPLICATION NUMBER: US 08/329, 506  
; FILING DATE: 25-OCT-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Timian, Susan  
; REGISTRATION NUMBER: 34, 103  
; REFERENCE/DOCKET NUMBER: 20894/42  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (716) 263-1634  
; TELEFAX: (716) 263-1600  
; INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 10 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: not relevant  
; TOPOLOGY: linear  
; MOLECULE TYPE: Peptide  
; US-08-6329-506-5

Query Match Score 45; DB 1; Length 10;  
Best Local Similarity 100.0%; Pred. No. 0.051; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMTPVNPQ 8  
Db 1 11111111  
Db 2 EMTPVNPQ 9

**RESULT 4**  
PCT-US95-13848-5  
; Sequence 5, Application PC/TUSS9513848  
; GENERAL INFORMATION:  
; APPLICANT: HEALTH RESEARCH, INCORPORATED and MIZEJEWSKI, Gerald J.  
; TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF  
; TITLE OF INVENTION: USING SAME  
; NUMBER OF SEQUENCES: 11  
; CORRESPONDENCE ADDRESS:  
; STREET: Nixon, Hargrave, Devans & Doyle LLP  
; CITY: Rochester  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 14603  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US95/13848  
; FILING DATE:  
; CLASSIFICATION:  
; PRIORITY APPLICATION DATA:  
; APPLICATION NUMBER: US 08/329, 506  
; FILING DATE: 26-OCT-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Timian, Susan J.  
; REGISTRATION NUMBER: 34, 103  
; REFERENCE/DOCKET NUMBER: 20894/41  
; TELECOMMUNICATION INFORMATION:

Query Match Score 45; DB 1; Length 10;  
Best Local Similarity 100.0%; Pred. No. 2e+05; Length 8;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMTPVNPQ 8  
Db 1 11111111  
Db 2 EMTPVNPQ 8

**RESULT 3**  
US-08-6329-506-5  
; Sequence 5, Application US/086329386  
; Patent No. 5707953  
; GENERAL INFORMATION:  
; APPLICANT: Mizejewski, Gerald J.  
; TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF  
; TITLE OF INVENTION: USING SAME  
; NUMBER OF SEQUENCES: 11  
; CORRESPONDENCE ADDRESS:  
; STREET: Nixon, Hargrave, Devans & Doyle LLP  
; CITY: Rochester  
; STATE: New York  
; COUNTRY: U.S.A.

TELEPHONE: 716-263-1636  
 TELEFAX: 716-263-1600  
 INFORMATION FOR SEQ ID NO: 5:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 10 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: not relevant  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 PCR-US95-13848-5

Query Match 100.0%; Score 45; DB 5; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 0.051;  
 Matches 8; Conservative 0; Mismatches 0; Indels 0;  
 Gaps 0;

QY 1 EMTPVNP 8  
 Db 2 EMTPVNP 9

RESULT 5  
 US-08-460-874A-41  
 ; Sequence 41, Application US/08460874A  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Stuber, Werner  
 ; APPLICANT: Wieczorek, Leszek  
 ; APPLICANT: Ziegelmair, Robert  
 ; TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor  
 ; NUMBER OF SEQUENCES: 49  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
 ; STREET: 1300 I Street, N.W., Suite 700  
 ; STATE: D.C.  
 ; COUNTRY: USA  
 ; ZIP: 20005-3315  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/388,883B  
 ; FILING DATE: 13-FEB-1995  
 ; CLASSIFICATION: 435  
 ; PRIORITY APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/300,305  
 ; FILING DATE: 23-FEB-1994  
 ; PRIORITY APPLICATION DATA:  
 ; APPLICATION NUMBER: 574498  
 ; FILING DATE: 27-AUG-1992  
 ; TELECOMMUNICATION INFORMATION:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Forman, David S.  
 ; REGISTRATION NUMBER: 33,694  
 ; REFERENCE/DOCKET NUMBER: 5552-1210-02000  
 ; TELEPHONE: 202-408-4000  
 ; FAX: 202-408-4400  
 ; INFORMATION FOR SEQ ID NO: 41:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 14 amino acids  
 ; TYPE: amino acid  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: Peptide

US-08-388-883B-41

PRIOR APPLICATION DATA:

APPLICATION NUMBER: DE PA128684.7

FILING DATE: 29-AUG-1991

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/460,874A

FILING DATE: 06-JUN-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/936,219

FILING DATE: 27-AUG-1992

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: DE PA128684.7

FILING DATE: 29-AUG-1991

NAME: Forman, David S.

REGISTRATION NUMBER: 33,694

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-408-4000

TELEFAX: 202-408-4400

INFORMATION FOR SEQ ID NO: 41:

SEQUENCE CHARACTERISTICS:

LENGTH: 14 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: Peptide

US-08-388-883B-41

Query Match 64.4%; Score 29; DB 1; Length 14;  
 Best Local Similarity 100.0%; Pred. No. 35;  
 Matches 5; Conservative 0; Mismatches 0;  
 Indels 0; Gaps 0;

RESULT 7  
 US-08-462-211A-41  
 ; Sequence 41, Application US/08462211A  
 ; Patent No. 613493  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Stuber, Werner

Query Match 64.4%; Score 29; DB 2; Length 14;  
 Best Local Similarity 100.0%; Pred. No. 35;  
 Matches 5; Conservative 0; Mismatches 0;  
 Indels 0; Gaps 0;

RESULT 6  
 US-08-388-883B-41  
 ; Sequence 41, Application US/08388883B  
 ; Patent No. 585915  
 ; GENERAL INFORMATION:  
 ; APPLICANT: St. Ber, Werner  
 ; APPLICANT: Wieczorek, Leszek  
 ; APPLICANT: Ziegelmair, Robert  
 ; TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor  
 ; NUMBER OF SEQUENCES: 49  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
 ; STREET: 1300 I Street, N.W., Suite 700  
 ; CITY: Washington, D.C.  
 ; STATE: D.C.  
 ; COUNTRY: USA  
 ; ZIP: 20005-3315  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/388,883B  
 ; FILING DATE: 13-FEB-1995  
 ; CLASSIFICATION: 435  
 ; PRIORITY APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/300,305  
 ; FILING DATE: 23-FEB-1994  
 ; PRIORITY APPLICATION DATA:  
 ; APPLICATION NUMBER: 574498  
 ; FILING DATE: 27-AUG-1992  
 ; TELECOMMUNICATION INFORMATION:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Forman, David S.  
 ; REGISTRATION NUMBER: 33,694  
 ; REFERENCE/DOCKET NUMBER: 5552-1210-02000  
 ; TELEPHONE: 202-408-4000  
 ; FAX: 202-408-4400  
 ; INFORMATION FOR SEQ ID NO: 41:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 14 amino acids  
 ; TYPE: amino acid  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: Peptide

Query Match 64.4%; Score 29; DB 2; Length 14;  
 Best Local Similarity 100.0%; Pred. No. 35;  
 Matches 5; Conservative 0; Mismatches 0;  
 Indels 0; Gaps 0;

APPLICANT: Wieczorek, Leszek  
 APPLICANT: Ziegelmaier, Robert  
 TITLE OF INVENTION: HCV-Specific Peptides, Agents Therefor  
 NUMBER OF SEQUENCES: 49  
 TITLE OF INVENTION: HCV-Specific Peptides, Agents Therefor  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
 STREET: Dunn L.L.P.  
 CITY: 1300 I Street, N.W., Suite 700  
 STATE: Washington,  
 COUNTRY: USA  
 ZIP: 20005-3315

COMPUTER READABLE FORM:  
 COMPUTER: IBM PC compatible  
 MEDIUM TYPE: Floppy disk  
 OPERATING SYSTEM: PC-DOS/MS-DOS

CURRENT APPLICATION DATA:  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 COMPUTER: IBM PC compatible  
 MEDIUM TYPE: Floppy disk  
 OPERATING SYSTEM: PC-DOS/MS-DOS

PRIOR APPLICATION DATA:  
 FILING DATE: 05-JUN-1995  
 APPLICATION NUMBER: US/08/462,211A  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/388,883  
 FILING DATE: 13-FEB-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/300,305  
 FILING DATE: 23-FEB-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/936,219  
 FILING DATE: 27-AUG-1992  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: DE P4128684.7  
 FILING DATE: 29-AUG-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Forman, David S.  
 REGISTRATION NUMBER: 33,694  
 REFERENCE/DOCKET NUMBER: 5552-1210-04000  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 202-408-4000  
 TELEFAX: 202-408-4400  
 INFORMATION FOR SEQ ID NO: 10:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 US 08-388-883B-10

Query Match 64.4%; Score 29; DB 1; Length 19;  
 Best Local Similarity 100.0%; Pred. No. 35;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7  
 Db 15 TPVNP 19

RESULT 9  
 US-08-388-883B-10  
 Sequence 10, Application US/08300883B  
 Parent No. 5559185

GENERAL INFORMATION:  
 APPLICANT: ST BER, Werner  
 APPLICANT: WIECZOREK, Leszek  
 APPLICANT: ZIEGELMAIER, Robert  
 TITLE OF INVENTION: HCV-Specific Peptides, Agents Therefor  
 NUMBER OF SEQUENCES: 49  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Dunn  
 STREET: 1300 I Street, N.W., Suite 700  
 CITY: Washington,

STATE: D.C.  
 COUNTRY: USA  
 ZIP: 20005-3315

COMPUTER READABLE FORM:  
 COMPUTER: IBM PC compatible  
 MEDIUM TYPE: Floppy disk  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/460,874A  
 FILING DATE: 06-JUN-1995  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/936,219  
 FILING DATE: 27-AUG-1992  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: DE P4128684.7  
 FILING DATE: 29-AUG-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Forman, David S.  
 REGISTRATION NUMBER: 33,694  
 REFERENCE/DOCKET NUMBER: 5552-1210-04000  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 202-408-4000  
 TELEFAX: 202-408-4400  
 INFORMATION FOR SEQ ID NO: 10:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 US 08-388-883B-10

Query Match 64.4%; Score 29; DB 1; Length 19;  
 Best Local Similarity 100.0%; Pred. No. 48;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7  
 Db 15 TPVNP 19

RESULT 9  
 US-08-388-883B-10  
 Sequence 10, Application US/08300883B  
 Parent No. 5559185

GENERAL INFORMATION:  
 APPLICANT: ST BER, Werner  
 APPLICANT: WIECZOREK, Leszek  
 APPLICANT: ZIEGELMAIER, Robert  
 TITLE OF INVENTION: HCV-Specific Peptides, Agents Therefor  
 NUMBER OF SEQUENCES: 49  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
 STREET: 1300 I Street, N.W., Suite 700  
 CITY: Washington,  
 STATE: D.C.  
 ZIP: 20005-3315

COMPUTER READABLE FORM:  
 COMPUTER: IBM PC compatible  
 MEDIUM TYPE: Floppy disk  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/388,883B  
 FILING DATE: 13-FEB-1995  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/300,305

PRIOR APPLICATION DATA:  
 FILING DATE: 23-FEB-1994  
 APPLICATION NUMBER: US 07/936,219  
 FILING DATE: 27-AUG-1992  
 PRIORITY APPLICATION NUMBER: DE P4128684.7  
 FILING DATE: 29-AUG-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Forman, David S.  
 REGISTRATION NUMBER: 33,694  
 REFERENCE/DOCKET NUMBER: 5552-1210-02000  
 TELEPHONE: 202-408-4000  
 TELEFAX: 202-408-4400  
 PRIORITY APPLICATION DATA:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 US-08-388-883B-10

Query Match  
 Best Local Similarity 64.4%; Score 29; DB 2; Length 19;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 3 TPVNP 7  
 Db 15 TPVNP 19

RESULT 10  
 US-08-462-211A-10  
 ; Sequence 10, Application US/08462211A  
 ; Patent No. 6143493  
 GENERAL INFORMATION:  
 APPLICANT: Stuber, Werner  
 APPLICANT: Wleczorek, Leszek  
 APPLICANT: Ziegelmair, Robert  
 TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor  
 NUMBER OF SEQUENCES: 49  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
 STREET: 1300 I Street, N.W., Suite 700  
 CITY: Washington,  
 STATE: D.C.  
 COUNTRY: USA  
 ZIP: 20005-3315

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/462,211A  
 FILING DATE: 05-JUN-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/388,883  
 FILING DATE: 13-FEB-1995

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: DE P4128684.7  
 FILING DATE: 29-AUG-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Forman, David S.

REGISTRATION NUMBER: 33,694  
 REFERENCE/DOCKET NUMBER: 5552-1210-02000  
 TELEPHONE: 202-408-4000  
 TELEFAX: 202-408-4400  
 PRIORITY APPLICATION DATA:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 US-08-388-883B-10

REFERENCE/DOCKET NUMBER: 5552-1210-03000  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 202-408-0000  
 TELEFAX: 202-408-4400  
 INFORMATION FOR SEQ ID NO: 10:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 US-08-462-211A-10

Query Match  
 Best Local Similarity 64.4%; Score 29; DB 4; Length 19;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 3 TPVNP 7  
 Db 15 TPVNP 19

RESULT 11  
 US-08-935-009A-5  
 ; Sequence 5, Application US/08935009A  
 ; Patent No. 6177241  
 GENERAL INFORMATION:  
 APPLICANT: Maine, Gregory T.  
 TITLE OF INVENTION: USE OF PEPTIDES TO IMPROVE  
 SPECIFICITY OF AN ENZYME IMMUNOASSAY FOR  
 THE DETECTION OF HERPESVIRUS SPECIFIC IgM ANTIBODY  
 NUMBER OF SEQUENCES: 17  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Abbott Laboratories  
 STREET: 100 Abbott Park Road  
 CITY: Abbott Park  
 STATE: IL  
 COUNTRY: USA  
 ZIP: 60064  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSEQ Version 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/935,009A  
 FILING DATE:  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Weinstein, David L.  
 REGISTRATION NUMBER: 28,128  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 847-937-6162  
 TELEFAX: 847-938-2623  
 PRIORITY INFORMATION FOR SEQ ID NO: 5:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 amino acids  
 TYPE: amino acid  
 STRANEDNESS: Single  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 US-08-935-009A-5

Query Match  
 Best Local Similarity 64.4%; Score 29; DB 4; Length 20;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 3 TPVNP 7  
 Db 15 TPVNP 19

Db 3 TPVNP 7

RESULT 12  
US-09-394-457-5  
Sequence 5, Application US/09294457  
Patent No. 6148567

GENERAL INFORMATION:  
APPLICANT: Krystal, Gerald W.  
TITLE OF INVENTION: NO. 6148567-e1 Peptides and their use to FILE REFERENCE: 50216/003003  
CURRENT APPLICATION NUMBER: US/09/294,457  
CURRENT FILING DATE: 1999-04-19  
PRIOR APPLICATION NUMBER: US 08/759,599  
PRIOR FILING DATE: 1996-12-05  
PRIOR APPLICATION NUMBER: US 60/008,233  
PRIOR FILING DATE: 1995-12-06  
NUMBER OF SEQ ID NOS: 16  
SOFTWARE: FastSEQ for Windows Version 4.0  
SEQ ID NO 5  
LENGTH: 16  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic polypeptide

US-09-294-457-5

Query Match 62.2%; Score 28; DB 4; Length 16;  
Best Local Similarity 57.1%; Pred. No. 60;  
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;  
Qy 1 EMTPVNP 7  
Db 9 QFTPLNP 15

RESULT 14  
US-08-937-067-19  
Sequence 19, Application US/08937067

GENERAL INFORMATION:  
APPLICANT: Umansky, Samuil  
TITLE OF INVENTION: A FAMILY OF GENES ENCODING APOTOSIS-RELATED PEPTIDES; PEPTIDES ENCODED THEREBY AND METHODS OF USE THEREOF  
TITLE OF INVENTION: METHODS OF USE THEREOF  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORRISON & FOERSTER  
STREET: 755 Page Mill Road  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94304-1018

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/937,067  
FILING DATE:  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Lehnhart, Susan K.  
REGISTRATION NUMBER: 33,943  
REFERENCE/DOCKET NUMBER: 23647-20018.00  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (650) 813-5610  
TELEFAX: (650) 494-0792  
INFORMATION FOR SEQ ID NO: 19:

SEQUENCE CHARACTERISTICS:  
LENGTH: 19 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-937-067-19

Query Match 62.2%; Score 28; DB 4; Length 19;  
Best Local Similarity 83.3%; Pred. No. 71;  
Matches 5; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 2 MTPVNP 7  
Db 3 MTPPLNP 8

RESULT 15  
US-07-965-667A-19  
Sequence 19, Application US/07965667A  
Patent No. 5736315

GENERAL INFORMATION:

APPLICANT: Fields, Howard A.  
APPLICANT: Favorov, Michael O.  
APPLICANT: Khudyakov, Yuri E.  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DETECTING  
NUMBER OF SEQUENCES: 20  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NEEDLE & ROSENBERG, P.C.  
STREET: 133 Carnegie Way, N.W., Suite 400  
CITY: Atlanta  
STATE: Georgia  
COUNTRY: USA  
ZIP: 30303  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/965,667A  
FILING DATE:  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Spratt, Gwendolyn D.  
REGISTRATION NUMBER: P36,016  
REFERENCE/DOCKET NUMBER: 1414.022  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (404) 688-0770  
TELEFAX: (404) 688-9880  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 amino acids  
TYPE: amino acid  
STRANGENESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-07/965-667A-19

Query Match Score 27; DB 1; Length 15;  
Best Local Similarity 57.1%; Pred. No. 82;  
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;  
Qy 2 MTPYNG 8  
I : I  
Db 7 MSPLRPG 13

Search completed: December 10, 2002, 11:44:01  
Job time : 9.14286 secs

GenCode version 5.1.3  
Copyright (c) 1993 - 2002 Compugen Ltd.

## OM protein - protein search, using sw model

Run on: December 10, 2002, 11:37:12 ; Search time 9.14286 Seconds  
(without alignments)  
25.745 Million cell updates/sec

Title: US-09-872-623-10

Perfect score: 45

Sequence: 1 EMTPYNG 8

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0  
Maximum DB seq length: 20Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing First 45 summaries

Database : Issued\_Patents\_AA:  
 1: /cgn2\_6/ptodata/1/1aa/5A\_COMB.pep:  
 2: /cgn2\_6/ptodata/1/1aa/5B\_COMB.pep:  
 3: /cgn2\_6/ptodata/1/1aa/6A\_COMB.pep:  
 4: /cgn2\_6/ptodata/1/1aa/6B\_COMB.pep:  
 5: /cgn2\_6/ptodata/1/1aa/PCRS\_pep:  
 6: /cgn2\_6/ptodata/1/1aa/backfiles1.pep:  
 \*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No	Score	Query Match	Length	DB ID	Description
1	45	100.0	8	1 US-09-636-386-4	Sequence 4, Appl1
2	45	100.0	8	5 PCT-US95-13848-4	Sequence 4, Appl1
3	45	100.0	10	1 US-09-636-386-5	Sequence 5, Appl1
4	45	100.0	10	5 PCT-US95-13848-5	Sequence 5, Appl1
5	29	64.4	14	1 US-09-460-874A-1	Sequence 41, Appl1
6	29	64.4	14	2 US-09-388-883B-41	Sequence 41, Appl1
7	29	64.4	14	4 US-09-462-211A-41	Sequence 41, Appl1
8	29	64.4	19	1 US-09-460-874A-10	Sequence 10, Appl1
9	29	64.4	19	2 US-09-388-883B-10	Sequence 10, Appl1
10	29	64.4	19	4 US-09-462-211A-10	Sequence 10, Appl1
11	29	64.4	20	4 US-09-935-009A-5	Sequence 5, Appl1
12	28	62.2	16	4 US-09-294-457-5	Sequence 5, Appl1
13	28	62.2	18	2 US-09-759-599-5	Sequence 5, Appl1
14	28	62.2	19	4 US-09-937-067-19	Sequence 19, Appl1
15	27	60.0	15	1 US-09-965-667-19	Sequence 19, Appl1
16	27	60.0	15	3 US-09-484-819-19	Sequence 19, Appl1
17	27	60.0	15	5 PCT-US93-10119-19	Sequence 19, Appl1
18	26	57.8	12	2 US-09-934-222-25	Sequence 25, Appl1
19	26	57.8	12	2 US-09-933-402-25	Sequence 25, Appl1
20	26	57.8	12	2 US-09-207-621-25	Sequence 25, Appl1
21	26	57.8	12	2 US-09-532-818-25	Sequence 25, Appl1
22	26	57.8	12	3 US-09-231-797-25	Sequence 25, Appl1
23	26	57.8	12	3 US-09-934-224-25	Sequence 25, Appl1
24	26	57.8	12	3 US-09-933-84-25	Sequence 25, Appl1
25	26	57.8	12	4 US-09-934-223-25	Sequence 25, Appl1
26	26	57.8	12	4 US-09-513-442-25	Sequence 25, Appl1
27	26	57.8	14	2 US-09-374-959A-12	Sequence 12, Appl1

RESULT 1  
 US-09-636-386-4  
 Sequence 4, Application US/08636386  
 Patent No. 5107963

GENERAL INFORMATION:

APPLICANT: Mizejewski, Gerald J.  
 TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF  
 NUMBER OF SEQUENCES: 11  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEES: Nixon, Hargrave, Devans & Doyle LLP  
 STREET: Clinton Square, P.O. Box 1051  
 CITY: Rochester  
 STATE: New York  
 COUNTRY: U.S.A.  
 ZIP: 14603-1051

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/636,386  
 FILING DATE: 23-APR-1996  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/329,506  
 FILING DATE: 26-OCT-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US95/13848  
 FILING DATE: 25-OCT-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Timian, Susan  
 REGISTRATION NUMBER: 34,103  
 REFERENCE DOCKET NUMBER: 20094/42  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (716) 263-1634  
 TELEFAX: (716) 263-1600  
 INFORMATION FOR SEQ ID NO: 4:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 8 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: not relevant  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide

US-09-636-386-4  
 Query Match Similarity 100.0% ; Score 45 ; DB 1; Length 8;  
 Best Local Matches 8 ; Conservative 0; Indels 0;  
 Mismatches 0; Gaps 0;

Qy 1 EMTPVNPQ 8  
Db 1 EMTPVNPQ 8

RESULT 2  
PCT-US95-13848-4

; Sequence 4, Application PC/TUS9513848  
; GENERAL INFORMATION:  
; APPLICANT: HEALTH RESEARCH, INCORPORATED and MIZEJEWSKI, Gerald J.  
; TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF  
; USING SAME  
; NUMBER OF SEQUENCES: 11

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP

STREET: P.O. Box 1051, Clinton Square  
CITY: Rochester  
STATE: New York

COUNTRY: USA  
ZIP: 14603

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/TUS95/13848

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/329,506

FILING DATE: 26-OCT-1994

REFERENCE/DOCKET NUMBER: 20894/42

ATTORNEY/AGENT INFORMATION:

NAME: Timian, Susan

REGISTRATION NUMBER: 34,103

TELECOMMUNICATION INFORMATION:

TELEPHONE: (716) 263-1634

TELEFAX: (716) 263-1600

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 10 amino acids

TYPE: amino acid

STRANDEDNESS: not relevant

TOPOLOGY: linear

MOLECULE TYPE: peptide

US-08-636-386-5

Query Match 100.0%; Score 45; DB 1; Length 10;  
Best Local Similarity 100.0%; Pred. No. 0.051; Mismatches 0;  
Matches 8; Conservative 0; Indels 0; Gaps 0;

Qy 1 EMTPVNPQ 8

Db 2 EMTPVNPQ 9

RESULT 4  
PCT-TUS95-13848-5  
; Sequence 5, Application PC/TUS9513848  
; GENERAL INFORMATION:  
; APPLICANT: HEALTH RESEARCH, INCORPORATED and MIZEJEWSKI, Gerald J.  
; TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF  
; USING SAME  
; NUMBER OF SEQUENCES: 11

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP

STREET: P.O. Box 1051, Clinton Square  
CITY: Rochester  
STATE: New York

COUNTRY: USA  
ZIP: 14603

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/TUS95/13848

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/329,506

FILING DATE: 26-OCT-1994

ATTORNEY/AGENT INFORMATION:

NAME: Timian, Susan J.

REGISTRATION NUMBER: 34,103

REFERENCE/DOCKET NUMBER: 20894/41

TELECOMMUNICATION INFORMATION:

Qy 1 EMTPVNPQ 8  
Db 1 EMTPVNPQ 8RESULT 3  
PCT-US95-13848-4

; Sequence 5, Application US/086636386  
; Patent No. 5707963  
; GENERAL INFORMATION:  
; APPLICANT: Mizejewski, Gerald J.

TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF

USING SAME

NUMBER OF SEQUENCES: 11

CORRESPONDENCE ADDRESS:

STREET: Clinton Square, P.O. Box 1051  
CITY: Rochester  
STATE: New York  
COUNTRY: U.S.A.

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/TUS95/13848

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/636-386-5

FILING DATE: 26-OCT-1994

ATTORNEY/AGENT INFORMATION:

NAME: Timian, Susan J.

REGISTRATION NUMBER: 34,103

REFERENCE/DOCKET NUMBER: 20894/41

TELECOMMUNICATION INFORMATION:

TELEPHONE: 716-263-1636  
 TELEFAX: 716-263-1600  
 INFORMATION FOR SEQ ID NO: 5:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 10 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: not relevant  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 PCT-US95-11848-5

Query Match 5  
 Best Local Similarity 100.0%; Score 45; DB 5; Length 10;  
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMTPVNPQ 8  
 Db 2 EMTPVNPQ 9

RESULT 6  
 US-08-388-883B-41  
 Sequence 41, Application US/08388883B

GENERAL INFORMATION:  
 APPLICANT: ST BER, Werner  
 APPLICANT: WIECZOREK, Leszek  
 APPLICANT: ZIEGELMAYER, Robert  
 TITLE OF INVENTION: HCV-Specific Peptides, Agents Therefor  
 NUMBER OF SEQUENCES: 49  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & Dunner L.L.P.  
 STREET: 1300 I Street, N.W., Suite 700  
 CITY: Washington,  
 STATE: D.C.  
 ZIP: 20005-3315  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/388,883B  
 FILING DATE: 13-FEB-1995  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/300,305  
 FILING DATE: 23-FEB-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/936,219  
 FILING DATE: 27-AUG-1992  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: DE P4128684-7  
 FILING DATE: 29-AUG-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Forman, David S.  
 REGISTRATION NUMBER: 33,694  
 REFERENCE/DOCKET NUMBER: 5552-1210-02000  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 202-408-4000  
 TELEFAX: 202-408-4400  
 INFORMATION FOR SEQ ID NO: 41:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 14 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 US-08-388-883B-41

Query Match 64.4%; Score 29; DB 2; Length 14;  
 Best Local Similarity 100.0%; Pred. No. 35;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3 TPVNP 7  
 Db 5 TPVNP 9

RESULT 7  
 US-08-462-211A-41  
 Sequence 41, Application US/0846221A

GENERAL INFORMATION:  
 APPLICANT: Stuber, Werner

APPLICANT: Wieczorek, Leszek  
 APPLICANT: Ziegelmayer, Robert  
 TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor  
 NUMBER OF SEQUENCES: 49  
 COUNTRY: USA  
 ZIP: 20005-3315  
 COMPUTER READABLE FORM:  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/460,874A  
 FILING DATE: 06-JUN-1995  
 CLASSIFICATION: 435  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: DE P4128684.7  
 FILING DATE: 29-AUG-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Forman, David S.  
 REGISTRATION NUMBER: 33,694  
 REFERENCE/DOCKET NUMBER: 05552-1210-04000  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 202-408-4000  
 TELEFAX: 202-408-4400  
 INFORMATION FOR SEQ ID NO: 10:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 US-08-460-874A-10

RESULT 8  
 US-08-460-874A-10  
 Sequence 10, Application US/08388883B  
 Patent No. 5744298  
 GENERAL INFORMATION:  
 APPLICANT: Stuber, Werner  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/388,883B  
 FILING DATE: 13-FEB-1995  
 CLASSIFICATION: 435  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/300,305

Query Match 64.4%; Score 29; DB 4; Length 14;  
 Best Local Similarity 100.0%; Pred. No. 35;  
 Matches 5; Conservative 0; Mismatches 0;  
 Indels 0; Gaps 0;

Qy 3 TPVNP 7  
 Db 5 TPVNP 9

RESULT 9  
 US-08-388-883B-10  
 Sequence 10, Application US/08388883B  
 Patent No. 5859185  
 GENERAL INFORMATION:  
 APPLICANT: ST BER, Werner  
 APPLICANT: WIECZOREK, Leszek  
 APPLICANT: ZIEGELMAYER, Robert  
 TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor  
 NUMBER OF SEQUENCES: 49  
 COUNTRY: USA  
 ZIP: 20005-3315  
 COMPUTER READABLE FORM:  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/388,883B  
 FILING DATE: 13-FEB-1995  
 CLASSIFICATION: 435  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/300,305

Query Match 64.4%; Score 29; DB 1; Length 19;  
 Best Local Similarity 100.0%; Pred. No. 48;  
 Matches 5; Conservative 0; Mismatches 0;  
 Indels 0; Gaps 0;

Qy 3 TPVNP 7  
 Db 15 TPVNP 19

PRIOR APPLICATION DATA:  
 FILING DATE: 23-FEB-1994  
 APPLICATION NUMBER: US 07/936,219  
 PRIORITY NUMBER: US 07/936,219  
 PRIOR APPLICATION DATA:  
 FILING DATE: 27-AUG-1992  
 APPLICATION NUMBER: DE P4128684.7  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Forman, David S.  
 REGISTRATION NUMBER: 33,694  
 REFERENCE/DOCKET NUMBER: 5552-1210-02000  
 TELECOMMUNICATION: 202-408-4000  
 TELEPHONE: 202-408-4400  
 FAX: 202-408-4400  
 INFORMATION FOR SEQ ID NO: 10:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 US-08-388-883B-10

Query Match 64.4%; Score 29; DB 2; Length 19;  
 Best Local Similarity 100.0%; Pred. No. 48;  
 Matches 5; Conservative 0; Mismatches 0;  
 Qy 3 TPVNP 7  
 Db 15 TPVNP 19

RESULT 11

US-08-935-009A-5

Sequence 5, Application US/08935009A

PATENT NO. 6177241

GENERAL INFORMATION:

APPLICANT: Maine, Gregory T.  
 TITLE OF INVENTION: USE OF PEPTIDES TO IMPROVE  
 SPECIFICITY OF AN ENZYME IMMUNOASSAY FOR  
 TITLE OF INVENTION: THE DETECTION OF HERPESVIRUS SPECIFIC IgM ANTIBODY  
 NUMBER OF SEQUENCES: 17  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Abbott Laboratories

STREET: 100 Abbott Park Road  
 CITY: Abbott Park  
 STATE: IL  
 COUNTRY: USA  
 ZIP: 60064

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FASTSEQ Version 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/935,009A  
 FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Weinstein, David L.  
 REGISTRATION NUMBER: 28,128  
 REFERENCE/DOCKET NUMBER: 6186.US.01.  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 847-937-5182  
 TELEX: 847-938-2623

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: No. 6177241e

US-08-935-009A-5

Query Match 64.4%; Score 29; DB 4; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 51;  
 Matches 5; Conservative 0; Mismatches 0;  
 Qy 3 TPVNP 7  
 |||||

Qy 3 TPVNP 7  
 |||||

Db 3 TPNP 7

RESULT 12  
 US-09-294-457-5  
 Sequence 5, Application US/09294457  
 Patent No. 6348567  
 GENERAL INFORMATION:  
 APPLICANT: Krystal, Gerald  
 APPLICANT: Rabkin, Simon W.  
 TITLE OF INVENTION: NO. 6348567e1 Peptides and Their Use to  
 Title of Invention: Ameliorate Cell Death  
 FILE REFERENCE: 50216/003003  
 CURRENT FILING DATE: 1999-04-19  
 PRIORITY NUMBER: US/09/294,457  
 PRIORITY APPLICATION NUMBER: US 08/759,599  
 PRIOR FILING DATE: 1995-12-05  
 PRIORITY NUMBER: US 60/008,233  
 PRIOR FILING DATE: 1995-12-06  
 NUMBER OF SEQ ID NOS: 16  
 SOFTWARE: FastSEQ for Windows Version 4.0  
 SEQ ID NO 5  
 LENGTH: 16  
 TYPE: PRT  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Synthetic polypeptide

Query Match 62.2%; Score 28; DB 4; Length 16;  
 Best Local Similarity 57.1%; Pred. No. 60;  
 Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;  
 Qy 1 EMTPN P 7  
 Db 9 QFTPLNP 15

RESULT 13  
 US-09-299-599-5  
 Sequence 5, Application US/08759599  
 Patent No. 591013  
 GENERAL INFORMATION:  
 APPLICANT: Rabkin, Simon  
 APPLICANT: Krystal, Gerald  
 TITLE OF INVENTION: NOVEL PEPTIDES AND THEIR USE TO  
 Title of Invention: AMELIORATE CELL DEATH  
 NUMBER OF SEQUENCES: 12  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: SEED AND BERRY LLP  
 STREET: 6300 Columbia Center, 701 Fifth Avenue  
 CITY: Seattle  
 STATE: Washington  
 COUNTRY: US  
 ZIP: 98104-7092

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 FILING DATE: 05-DEC-1995  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: McMasters, David D.  
 REGISTRATION NUMBER: 33,963  
 REFERENCE/DOCKET NUMBER: 780059.401  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (206) 622-4900  
 TELEX: 3723836  
 INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 18 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 US-08-759-599-5

Query Match 62.2%; Score 28; DB 2; Length 18;  
 Best Local Similarity 57.1%; Pred. No. 67;  
 Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

RESULT 14  
 US-08-937-067-19  
 Sequence 19, Application US/08937067  
 Patent No. 6433155  
 GENERAL INFORMATION:  
 APPLICANT: Umansky, Samuel  
 APPLICANT: Melkonyan, Hovsep  
 TITLE OF INVENTION: A FAMILY OF GENES ENCODING  
 PEPTIDES RELATED TO APOPTOSIS  
 METHODS OF USE THEREOF  
 TITLE OF INVENTION:  
 NUMBER OF SEQUENCES: 19  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: MORRISON & FORESTER  
 STREET: 755 Page Mill Road  
 CITY: Palo Alto  
 STATE: CA  
 COUNTRY: USA  
 ZIP: 94304-1018  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/937,067  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Lehnhardt, Susan K.  
 REGISTRATION NUMBER: 33,943  
 REFERENCE/DOCKET NUMBER: 2,647-20018.00  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (650) 813-5600  
 FAX: (650) 494-0722  
 INFORMATION FOR SEQ ID NO: 19:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-937-067-19

Query Match 62.2%; Score 28; DB 4; Length 19;  
 Best Local Similarity 83.3%; Pred. No. 71;  
 Matches 5; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

RESULT 15  
 US-07-965-667A-19  
 Sequence 19, Application US/07965667A  
 Patent No. 5736315  
 GENERAL INFORMATION:

APPLICANT: Fields, Howard A.  
 APPLICANT: Favorov, Michael O.  
 APPLICANT: Khudyakov, Yuri E.  
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DETECTING  
 NUMBER OF SEQUENCES: 20  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: NEEDLE & ROSENBERG, P.C.  
 STREET: 133 Carnegie Way, N.W., Suite 400  
 CITY: Atlanta  
 STATE: Georgia  
 COUNTRY: USA  
 ZIP: 30303  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/07/965,667A  
 FILING DATE:  
 CLASSIFICATION: 514  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Spratt, Gwendolyn D.  
 REGISTRATION NUMBER: P36,016  
 REFERENCE/DOCKET NUMBER: 1414.022  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (404) 688-0700  
 TELEFAX: (404) 688-9880  
 INFORMATION FOR SEQ ID NO: 19:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 amino acids  
 TYPE: amino acid  
 STRANGENESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 US-07-965-667A-19

Query Match Score 27; DB 1; Length 15;  
 Best Local Similarity 60.0%; Pred. No. 82;  
 Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy	2	MTPVPG	8
	:		
Db	7	MSPLRPG	13

Search completed: December 10, 2002, 11:44:01  
 Job time : 9.14286 secs

GenCore version 5.1.3  
Copyright (c) 1993 - 2002 Compugen Ltd.

## OM protein - protein search, using sw model

Run on: December 10, 2002, 11:37:12 ; Search time 10.2857 Seconds  
(without alignments)  
25.745 Million cell updates/sec

Title: US-09-872-623-11

Perfect score: 50

Sequence: 1 EMTPVNGQ 9

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 265574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 132970

Minimum DB seq length: 0

Maximum DB seq length: 20

Post-processing: Maximum Match 0%  
Listing first 45 summaries

Database : Issued Patents\_AA:\*

1: /cgn2\_6/ptodata/1/iaa/5A\_COMB.pep:\*

2: /cgn2\_6/ptodata/1/iaa/5B\_COMB.pep:\*

3: /cgn2\_6/ptodata/1/iaa/6A\_COMB.pep:\*

4: /cgn2\_6/ptodata/1/iaa/6B\_COMB.pep:\*

5: /cgn2\_6/ptodata/1/iaa/PCIGS\_COMB.pep:\*

6: /cgn2\_6/ptodata/1/iaa/packfile1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query	Match	Length	DB	ID	Description
1	45	90.0	8	1	US-08-536-3066-4		Sequence 4, Appl 1
2	45	90.0	8	5	PCT-US5-13848-4		Sequence 4, Appl 1
3	45	90.0	10	1	US-08-536-3865-5		Sequence 5, Appl 1
4	45	90.0	10	5	PCT-US5-1388-5		Sequence 5, Appl 1
5	30	60.0	16	1	US-07-942-245-115		Sequence 115, Appl 1
6	30	60.0	16	1	US-07-942-245-116		Sequence 116, Appl 1
7	29	58.0	14	1	US-08-460-211A-10		Sequence 41, Appl 1
8	29	58.0	14	2	US-08-388-983B-41		Sequence 41, Appl 1
9	29	58.0	14	4	US-08-462-211A-41		Sequence 41, Appl 1
10	29	58.0	19	1	US-08-460-974A-10		Sequence 10, Appl 1
11	29	58.0	19	2	US-08-388-983B-10		Sequence 10, Appl 1
12	29	58.0	19	4	US-08-462-211A-10		Sequence 10, Appl 1
13	29	58.0	20	4	US-08-935-09A-5		Sequence 5, Appl 1
14	28	56.0	16	4	US-09-294-457-5		Sequence 5, Appl 1
15	28	56.0	18	2	US-08-759-599-5		Sequence 5, Appl 1
16	28	56.0	19	4	US-08-937-067-19		Sequence 19, Appl 1
17	27	54.0	15	1	US-07-965-667A-19		Sequence 19, Appl 1
18	27	54.0	15	3	US-08-484-819-19		Sequence 19, Appl 1
19	27	54.0	15	5	PCT-US93-10197-19		Sequence 19, Appl 1
20	26	52.0	9	1	US-08-178-570-36		Sequence 36, Appl 1
21	26	52.0	9	1	US-08-145-24		Sequence 24, Appl 1
22	26	52.0	9	3	US-08-369-643-36		Sequence 36, Appl 1
23	26	52.0	9	5	PCT-US95-00147-36		Sequence 25, Appl 1
24	26	52.0	12	2	US-08-934-222-25		Sequence 25, Appl 1
25	26	52.0	12	2	US-09-207-621-25		Sequence 25, Appl 1
26	26	52.0	12	2	US-08-532-818-25		Sequence 25, Appl 1
27	26	52.0	12	2	US-08-532-818-25		Sequence 25, Appl 1

Query Match Best Local Similicity 90.0%; Score 45; DB 1; Length 8;

Matches 8; Conservative 100.0%; Pred. No. 2e+05; Mismatches 0; Indels 0; Caps 0;

## ALIGNMENTS

RESULT 1  
US-08-636-3066-4

; Sequence 4, Application US/08636386  
; Patent No. 5701963  
GENERAL INFORMATION:  
APPLICANT: Mizerewski, Gerald J.  
TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP  
STREET: Clinton Square, P.O. Box 1051  
CITY: Rochester  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 14603-1051  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/636,386  
FILING DATE: 23-APR-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/329,506  
FILING DATE: 26-OCT-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/13848  
FILING DATE: 25-OCT-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Timian, Subin  
REGISTRATION NUMBER: 34,103  
REFERENCE/DOCKET NUMBER: 20894/42  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (716) 263-1634  
TELEFAX: (716) 263-1600  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 8 amino acids  
TYPE: amino acid  
STRANDEDNESS: not relevant  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US 08-636-3066-4

Qy 1 EMTPVNPG 8  
Db 1 EMTPVNPG 8

RESULT 2  
PCT-US95-13848-4

; sequence 4, Application PC/TUS9513848  
; GENERAL INFORMATION:  
; APPLICANT: HEALTH RESEARCH, INCORPORATED and MIZEJEWSKI, Gerald J.  
; TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF  
; USING SAME  
; NUMBER OF SEQUENCES: 11

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: NIXON, Hargrave, Devans & Doyle LLP

STREET: P.O. Box 1051, Clinton Square  
CITY: Rochester  
STATE: New York

COUNTRY: USA  
ZIP: 14603

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/13848

FILING DATE:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/329, 506

FILING DATE: 26-OCT-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/13848

FILING DATE: 23-APR-1996

ATTORNEY/AGENT INFORMATION:

NAME: Timian, Susan

REGISTRATION NUMBER: 34,103

REFERENCE/DOCKET NUMBER: 20894/42

TELECOMMUNICATION INFORMATION:

TELEPHONE: (716) 263-1634

TELEFAX: (716) 263-1600

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 10 amino acids

TYPE: amino acid

STRANDEDNESS: not relevant

TOPOLOGY: linear

MOLECULE TYPE: peptide

US-08-636-386-5

Query Match 90.0%; Score 45; DB 5; Length 8;  
Best Local Similarity 100.0%; Pred. No. 2e-05; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMTPVNPG 8  
Db 1 EMTPVNPG 8

RESULT 3  
US-08-636-386-5

; Sequence 5, Application US/086363866  
; Patent No. 570963

GENERAL INFORMATION:

APPLICANT: Mizejewski, Gerald J.

TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF

USING SAME

NUMBER OF SEQUENCES: 11

CORRESPONDENCE ADDRESS:

ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP

STREET: Clinton Square, P.O. Box 1051

CITY: Rochester

STATE: New York

COUNTRY: U.S.A.

ZIP: 14603-1051  
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/636,386

FILING DATE: 23-APR-1996

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/329, 506

FILING DATE: 26-OCT-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/13848

FILING DATE: 23-APR-1996

ATTORNEY/AGENT INFORMATION:

NAME: Timian, Susan

REGISTRATION NUMBER: 34,103

REFERENCE/DOCKET NUMBER: 20894/42

TELECOMMUNICATION INFORMATION:

TELEPHONE: (716) 263-1634

TELEFAX: (716) 263-1600

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 8 amino acids

TYPE: amino acid

STRANDEDNESS: not relevant

TOPOLOGY: linear

MOLECULE TYPE: peptide

PCT-US95-13848-4

SEQUENCE CHARACTERISTICS:

LENGTH: 8 amino acids

TYPE: amino acid

STRANDEDNESS: not relevant

TOPOLOGY: linear

MOLECULE TYPE: peptide

US-08-636-386-4

Query Match 90.0%; Score 45; DB 5; Length 8;  
Best Local Similarity 100.0%; Pred. No. 2e-05; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMTPVNPG 8  
Db 1 EMTPVNPG 8

RESULT 4  
PCT-US95-13848-5

; Sequence 5, Application PC/TUS9513848

GENERAL INFORMATION:

APPLICANT: HEALTH RESEARCH, INCORPORATED and MIZEJEWSKI, Gerald J.

TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF

USING SAME

NUMBER OF SEQUENCES: 11

CORRESPONDENCE ADDRESS:

ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP

STREET: Clinton Square, P.O. Box 1051

CITY: Rochester

STATE: New York

COUNTRY: U.S.A.

REGISTRATION NUMBER: 34,103

REFERENCE/DOCKET NUMBER: 20894/41

TELECOMMUNICATION INFORMATION:

TELEPHONE: 716-263-1636  
 TELEFAX: 716-263-1600  
 INFORMATION FOR SEQ ID NO: 5:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 10 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: not relevant  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 PCT-095-13848-5

Query Match 5  
 Best Local Similarity 90.0%; Score 45; DB 5; Length 10;  
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EMTPVNPQ 8  
 Db 2 EMTPVNPQ 9

RESULT 5  
 US-07-942-245-115  
 Sequence 115, Application US/07942245  
 Patent No. 5639641  
 GENERAL INFORMATION:  
 APPLICANT: PEDERSEN, Jan T.  
 APPLICANT: SEARLE, Stephen M.J.  
 APPLICANT: REES, Anthony R.  
 APPLICANT: ROGUSKA, Michael A.  
 APPLICANT: GUILD, Braydon C.  
 TITLE OF INVENTION: SURFACE RESIDUE VENEERING OF RODENT  
 TITLE OF INVENTION: SURFACE RESIDUE VENEERING OF RODENT  
 NUMBER OF SEQUENCES: 522  
 NUMBER OF SEQUENCES: 522  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Sughrue, Mion, Zinn, Macpeak & Seas  
 STREET: 2100 Pennsylvania Avenue, N.W.  
 CITY: Washington  
 STATE: D.C.  
 COUNTRY: United States  
 ZIP: 20037-3202  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: FLOPPY DISK  
 COMPUTER: HP 9000/700 Workstation  
 OPERATING SYSTEM: UNIX  
 SOFTWARE: In house  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/07/942,245  
 FILING DATE: 09-SEP-1992  
 CLASSIFICATION: 530  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (202) 293-7060  
 TELEFAX: (202) 293-7860  
 TELEX: 6491103  
 INFORMATION FOR SEQ ID NO: 116:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 16 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 US-07-942-245-116

RESULT 7  
 US-08-460-874A-41  
 Sequence 41, Application US/08460874A  
 Patent No. 5744298  
 GENERAL INFORMATION:  
 APPLICANT: Stuber, Werner  
 APPLICANT: Wleczorek, Leszek  
 APPLICANT: Zilegmaier, Robert  
 TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor  
 NUMBER OF SEQUENCES: 49  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & Dunner  
 STREET: 1300 I Street, N.W., Suite 700  
 CITY: Washington  
 STATE: D.C.  
 COUNTRY: USA  
 ZIP: 20004-3315  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: FLOPPY DISK  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentnet Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/460,874A

Query Match 6  
 Best Local Similarity 60.0%; Score 30; DB 1; Length 16;  
 Matches 5; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 2 MTPyNPGQ 9  
 Db 1 VTPPSFGQ 8

RESULT 6  
 US-07-942-245-116  
 Sequence 116, Application US/07942245

FILING DATE: 06-JUN-1995  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 63 07/936,219  
 FILING DATE: 27-AUG-1992  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: DE P4128684.7  
 FILING DATE: 29-AUG-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Forman, David S.  
 REGISTRATION NUMBER: 33,694  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 202-408-4000  
 TELEFAX: 202-408-4400  
 INFORMATION FOR SEQ ID NO: 41:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 14 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: Peptide  
 US-08-460-874A-41:

RESULT 8  
 US-08-388-883B-41  
 Sequence 41, Application US/08388883B  
 Patent No. 5839185  
 GENERAL INFORMATION:  
 APPLICANT: ST BER, Werner  
 ATTORNEY: ZIEGELMAIER, Robert  
 APPLICANT: WIRZCZEK, Leszek  
 ATTORNEY: Finnegan, Henderson, Farabow, Garrett &  
 ADDRESSEE: Dunner, L.L.P.  
 STREET: 1300 I Street, N.W., Suite 700  
 CITY: Washington,  
 STATE: D.C.  
 COUNTRY: USA  
 ZIP: 20005-3315  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent-In Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/388,883B  
 FILING DATE: 13-FEB-1995  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/300,305  
 FILING DATE: 23-FEB-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/388,883B  
 FILING DATE: 27-AUG-1992  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: DE P4128684.7  
 FILING DATE: 29-AUG-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Forman, David S.  
 REGISTRATION NUMBER: 33,694

REFERENCE/DOCKET NUMBER: 5552-1210-02000  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 202-408-4000  
 TELEFAX: 202-408-4400  
 INFORMATION FOR SEQ ID NO: 41:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 14 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: Peptide  
 US-08-388-883B-41

Query Match 58.0%; Score 29; DB 2; Length 14;  
 Best Local Similarity 100.0%; Fred. No. 46;  
 Matches 5; Conservative 0; Mismatches 0;  
 Gaps 0;

Qy 3 TPVNP 7  
 Db 5 TPVNP 9

RESULT 9  
 US-08-462-211A-41  
 Sequence 41, Application US/08462211A  
 Patent No. 6143493  
 GENERAL INFORMATION:  
 APPLICANT: Stuber, Werner  
 ATTORNEY: Wleczorek, Leszek  
 APPLICANT: Ziegelmair, Robert  
 TITLE OF INVENTION: HCV-Specific Peptides, Agents Therefor  
 NUMBER OF SEQUENCES: 49  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
 ADDRESS: Dunner L.L.P.  
 STREET: 1300 I Street, N.W., Suite 700  
 CITY: Washington,  
 STATE: D.C.  
 COUNTRY: USA  
 ZIP: 20005-3315  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent-In Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/462,211A  
 FILING DATE: 05-JUN-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/388,883  
 FILING DATE: 13-FEB-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: DE P4128684.7  
 FILING DATE: 29-AUG-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Forman, David S.  
 REGISTRATION NUMBER: 33,694  
 REFERENCE/DOCKET NUMBER: 5552-1210-03000  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 202-408-4000  
 TELEFAX: 202-408-4400  
 INFORMATION FOR SEQ ID NO: 41:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 14 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide

US-08-462-211A-41

Query Match Score 29; DB 4; Length 14;  
 Best Local Similarity 100.0%; Pred. No. 46;  
 Matches 5; Conservative 0; Mismatches 0;  
 Gaps 0;

Qy 3 TPVNP 7  
 Db 5 TPVNP 9

RESULT 10  
 US-08-460-874A-10  
 Sequence 10, Application US/08460874A

Patent No. 5744398  
 GENERAL INFORMATION:

APPLICANT: Stuber, Werner  
 Wiecezorek, Leszek  
 Ziegelmayer, Robert  
 TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor  
 NUMBER OF SEQUENCES: 49  
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & Dunner L.L.P.  
 STREET: 1300 I Street, N.W., Suite 700  
 CITY: Washington, D.C.  
 STATE: D.C.

ZIP: 20005-3315

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/460,874A

FILING DATE: 06-JUN-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/300,305

FILING DATE: 23-FEB-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/936,219

FILING DATE: 27-AUG-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: DE P4128684.7

FILING DATE: 29-AUG-1991

ATTORNEY/AGENT INFORMATION:

NAME: Forman, David S.

REGISTRATION NUMBER: 33,694

REFERENCE/DOCKET NUMBER: 5552-1210-02000

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-408-4000

TELEFAX: 202-408-4400

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: peptide

US-08-460-874A-10

Query Match Score 29; DB 1; Length 19;

Best Local Similarity 100.0%; Pred. No. 63;

Matches 5; Conservative 0; Mismatches 0;

Gaps 0;

Qy 3 TPVNP 7  
 Db 15 TPVNP 19

RESULT 11  
 US-08-888-883B-10  
 Sequence 10, Application US/08388883B

Query Match Score 29; DB 1; Length 19;

Best Local Similarity 100.0%; Pred. No. 63;

Matches 5; Conservative 0; Mismatches 0;

Gaps 0;

Qy 3 TPVNP 7  
 Db 15 TPVNP 19

RESULT 11  
 US-08-888-883B-10  
 Sequence 10, Application US/08388883B

Query Match Score 29; DB 2; Length 19;

Best Local Similarity 100.0%; Pred. No. 63;

Matches 5; Conservative 0; Mismatches 0;

Gaps 0;

Qy 3 TPVNP 7  
 Db 15 TPVNP 19

RESULT 11  
 US-08-888-883B-10  
 Sequence 10, Application US/08388883B

Patent No. 5859185  
 GENERAL INFORMATION:  
 APPLICANT: ST BER, Werner  
 APPLICANT: WIECZOREK, Leszek  
 APPLICANT: ZIEGELMAYER, Robert  
 TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor  
 NUMBER OF SEQUENCES: 49  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & Dunner L.L.P.  
 STREET: 1300 I Street, N.W., Suite 700  
 CITY: Washington, D.C.  
 STATE: D.C.  
 COUNTRY: USA  
 ZIP: 20005-3315  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/388,883B  
 FILING DATE: 13-FEB-1995  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/300,305  
 FILING DATE: 23-FEB-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/936,219  
 FILING DATE: 27-AUG-1992  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: DE P4128684.7  
 FILING DATE: 29-AUG-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Forman, David S.  
 REGISTRATION NUMBER: 33,694  
 REFERENCE/DOCKET NUMBER: 5552-1210-02000  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 202-408-4000  
 TELEFAX: 202-408-4400  
 INFORMATION FOR SEQ ID NO: 10:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 US-08-888-883B-10  
 Query Match Score 29; DB 2; Length 19;  
 Best Local Similarity 100.0%; Pred. No. 63;  
 Matches 5; Conservative 0; Mismatches 0;  
 Gaps 0;  
 Qy 3 TPVNP 7  
 Db 15 TPVNP 19  
 RESULT 12  
 US-08-888-883B-10  
 Sequence 10, Application US/08388883B  
 PATENT NO. 613493  
 GENERAL INFORMATION:  
 APPLICANT: Stuber, Werner  
 APPLICANT: WIECZOREK, Leszek  
 APPLICANT: ZIEGELMAYER, Robert  
 TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor  
 NUMBER OF SEQUENCES: 49  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Finnegan, Henderson, Farabow, Garrett & Dunner L.L.P.  
 STREET: 1300 I Street, N.W., Suite 700

CITY: Washington,  
 STATE: D.C.  
 COUNTRY: USA  
 ZIP: 20005-3315

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC Compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/462,211A  
 FILING DATE: 05-JUN-1995

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/388,883  
 FILING DATE: 13-FEB-1995

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/300,305  
 FILING DATE: 23-FEB-1994

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/936,219  
 FILING DATE: 27-AUG-1992

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: DE P412884.7  
 FILING DATE: 29-AUG-1991

ATTORNEY/AGENT INFORMATION:  
 NAME: Forman, David S.  
 REGISTRATION NUMBER: 33,694  
 REFERENCE/DOCKET NUMBER: 5552.1210-03000  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 202-408-4000  
 TELEFAX: 202-408-4400

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 US-08-462-211A-10

Query Match 58.0%; Score 29; DB 4; Length 19;  
 Best Local Similarity 100.0%; Pred. No. 63; Mismatches 0; Indels 0; Gaps 0;

Qy 3 TPVNP 7  
 Db 1111 1111  
 15 TPVNP 19

RESULT 13  
 US-08-935-009A-5  
 Sequence 5, Application US/08935009A

GENERAL INFORMATION:  
 APPLICANT: Maine, Gregory T.  
 TITLE OF INVENTION: USE OF PEPTIDES TO IMPROVE  
 TITLE OF INVENTION: SPECIFICITY OF AN ENZYME IMMUNOASSAY FOR  
 NUMBER OF SEQUENCES: 17  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Abbott Laboratories  
 STREET: 100 Abbott Park Road  
 CITY: Abbott Park  
 STATE: IL  
 COUNTRY: USA  
 ZIP: 60064

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSeq Version 2.0

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/935,009A  
 FILING DATE:

CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Weinstein, David L.  
 REGISTRATION NUMBER: 28,128  
 REFERENCE/DOCKET NUMBER: 6186.US.01  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 847-937-6182  
 TELEFAX: 847-938-2623  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 5:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: No. 6177241e  
 US-08-935-009A-5

Query Match 58.0%; Score 29; DB 4; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 66; Mismatches 0; Indels 0; Gaps 0;

Qy 3 TPVNP 7  
 1111 1111  
 Db 3 TPVNP 7

RESULT 14  
 US-09-294-457-5  
 Sequence 5, Application US/09294457  
 ; Sequence 5, Application US/09294457  
 ; Patent No. 6348567  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Krystal, Gerald  
 ; APPLICANT: Rabkin, Simon W.  
 ; TITLE OF INVENTION: No. 6348567el Peptides and Their Use to  
 ; TITLE OF INVENTION: Ameliorate Cell Death  
 ; FILE REFERENCE: 50216/002003  
 ; CURRENT APPLICATION NUMBER: US/09/294,457  
 ; CURRENT FILING DATE: 1999-04-19  
 ; PRIOR APPLICATION NUMBER: US 08/7759,599  
 ; PRIOR FILING DATE: 1996-12-05  
 ; PRIOR APPLICATION NUMBER: US 60/008,233  
 ; PRIOR FILING DATE: 1995-12-06  
 ; NUMBER OF SEQ ID NOS: 16  
 ; SOFTWARE: FastSEQ for Windows Version 4.0  
 ; SEQ ID NO 5  
 ; LENGTH: 16  
 ; TYPE: PR  
 ; ORGANISM: Artificial sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Synthetic polypeptide  
 US-09-294-457-5

Query Match 55.0%; Score 28; DB 4; Length 16;  
 Best Local Similarity 57.1%; Pred. No. 77; Mismatches 1; Indels 0; Gaps 0;

Qy 1 EMTPVNP 7  
 : 1111  
 Db 9 QFTPLNP 15

RESULT 15  
 US-08-759-599-5  
 Sequence 5, Application US/08759599  
 ; Sequence 5, Application US/08759599  
 ; Patent No. 5917013  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Rabkin, Simon  
 ; APPLICANT: Krystal, Gerald  
 ; TITLE OF INVENTION: NOVEL PEPTIDES AND THEIR USE TO

TITLE OF INVENTION: AMELIORATE CELL DEATH  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEED and MERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC Compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/7759,599  
FILING DATE: 05-DEC-1995  
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: McMasters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 780059.401

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
TELEX: 3723836

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Peptide  
US-08-759-599-5

Query Match 56.0%; Score 28; DB 2; Length 18;  
Best Local Similarity 57.1%; Pct. No. 87%;  
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 EMTPVNP 7  
Db :||:|  
9 QFTPLNP 15

Search completed: December 10, 2002, 11:44:01  
Job time : 10.2557 secs

GenCore version 5.1.3  
Copyright (c) 1993 - 2002 Compugen Ltd.

## OM Protein - Protein search, using SW model

Run on: December 10, 2002, 11:37:12 ; Search time 10.2857 Seconds  
(without alignments)  
25.745 Million cell updates/sec

Title: US-09-872-623-5

Perfect score: 50

Sequence: 1 EMTPNPGQ 9

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0

Maximum DB seq length: 20

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 40 summaries

Database : Issued\_Patents\_AA:\*

- 1: /cggn2\_6/ptodata/1/1aa/5A.COMB.pep:\*
- 2: /cggn2\_6/ptodata/1/1aa/5B.COMB.pep:\*
- 3: /cggn2\_6/ptodata/1/1aa/6A.COMB.pep:\*
- 4: /cggn2\_6/ptodata/1/1aa/6B.COMB.pep:\*
- 5: /cggn2\_6/ptodata/1/1aa/PCRTUS\_COMB.pep:\*
- 6: /cggn2\_6/ptodata/1/1aa/backfiles1.pep:\*

Prob. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	45	90.0	8	1 US-08-036-386-4	Sequence 4, Appli
2	45	90.0	8	5 PCT-US95-13848-4	Sequence 4, Appli
3	45	90.0	10	1 US-08-036-386-5	Sequence 5, Appli
4	45	90.0	10	5 PCT-US95-13848-5	Sequence 5, Appli
5	30	60.0	16	1 US-07-942-245-115	Sequence 115, Appli
6	30	60.0	16	1 US-07-942-245-116	Sequence 116, Appli
7	29	58.0	14	1 US-08-460-874A-41	Sequence 41, Appli
8	29	58.0	14	2 US-08-388-883B-41	Sequence 41, Appli
9	29	58.0	14	4 US-08-462-211A-41	Sequence 41, Appli
10	29	58.0	19	1 US-08-474A-10	Sequence 10, Appli
11	29	58.0	19	2 US-08-388-883B-10	Sequence 10, Appli
12	29	58.0	19	4 US-08-462-211A-10	Sequence 10, Appli
13	29	58.0	20	4 US-08-935-049A-5	Sequence 5, Appli
14	28	55.0	16	4 US-09-294-457-5	Sequence 5, Appli
15	28	56.0	18	2 US-08-759-199-5	Sequence 5, Appli
16	28	56.0	19	4 US-08-937-071-9	Sequence 19, Appli
17	27	54.0	15	1 US-07-965-667A-19	Sequence 19, Appli
18	27	54.0	15	3 US-08-484-819-19	Sequence 19, Appli
19	27	54.0	15	5 PCT-US93-1019719	Sequence 19, Appli
20	26	52.0	9	1 US-08-178-570-36	Sequence 36, Appli
21	26	52.0	9	1 US-08-146-145-24	Sequence 24, Appli
22	26	52.0	9	3 US-08-369-643-36	Sequence 36, Appli
23	26	52.0	9	5 PCT-US95-00147-36	Sequence 36, Appli
24	26	52.0	12	2 US-08-934-222-25	Sequence 25, Appli
25	26	52.0	12	2 US-08-933-402-25	Sequence 25, Appli
26	26	52.0	12	2 US-09-207-621-25	Sequence 25, Appli
27	26	52.0	12	2 US-08-532-818-25	Sequence 25, Appli

## RESULT 1

US-08-636-386-4

; Sequence 4, Application US/08636386

; Patent No. 5707963

## GENERAL INFORMATION:

; APPLICANT: Mizejewski, Gerald J.

; TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF

; INVENTION: USING SAME

; NUMBER OF SEQUENCES: 11

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Nixon, Hargrave, Devans &amp; Doyle LLP

; STREET: Clinton Square, P.O. Box 1051

; CITY: Rochester

; STATE: New York

; COUNTRY: U.S.A.

; ZIP: 14603-051

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/636,386

; FILING DATE: 23-APR-1996

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/329,506

; FILING DATE: 26-OCT-1994

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: PCT/US95/13848 B

; FILING DATE: 25-OCT-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Timian, Susan

; REFERENCE NUMBER: 34,103

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (716) 263-1634

; TELEFAX: (716) 263-1600

; INFORMATION FOR SEQ ID NO: 4:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 8 amino acids

; TYPE: amino acid

; STRANDEDNESS: not relevant

; TOPOLOGY: linear

; MOLECULE TYPE: peptide

; US-08-636-386-4

; Query Match Score 45; DB 1; Length 8;

; Best Local Similarity 90.0%; Pred. No. 2e+05; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMTPVNPQ 8  
Db 1 EMTPVNPQ 8

RESULT 2

PCT-US95-13848-4

GENERAL INFORMATION:

APPLICANT: HEALTH RESEARCH, INCORPORATED and MIZEJEWSKI, Gerald J.  
TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF F  
TITLE OF INVENTION: USING SAME

NUMBER OF SEQUENCES: 11

CORRESPONDENCE ADDRESS:

ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP  
STREET: P.O. Box 1051, Clinton Square

CITY: Rochester

STATE: New York

COUNTRY: USA

ZIP: 14603

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT-US95/13848

FILING DATE:

CLASSIFICATION:

PRIORITY APPLICATION DATA:

APPLICATION NUMBER: US 08/329, 506

FILING DATE: 26-OCT-1994

ATTORNEY/AGENT INFORMATION:

NAME: Trianian, Susan J.

REGISTRATION NUMBER: 34,103

TELECOMMUNICATION INFORMATION:

TELEPHONE: 716-263-1636

TELEFAX: 716-263-600

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 8 amino acids

TYPE: amino acid

STRANDEDNESS: not relevant

TOPOLogy: linear

MOLECULE TYPE: Peptide

PCT-US95-13848-4

Query Match

Best Local Similarity 100.0%; Pred. No. 2e+05;

Matches 0; N mismatches 0; Indels 0; Gaps 0;

Qy 1 EMTPVNPQ 8

Db 1 EMTPVNPQ 8

RESULT 3

US-08-636-386-5

Sequence 5, Application US/08636386

Patent No. 5707963

GENERAL INFORMATION:

APPLICANT: Mizejewski, Gerald J.

TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF F

TITLE OF INVENTION: USING SAME

NUMBER OF SEQUENCES: 11

CORRESPONDENCE ADDRESS:

ADDRESSEE: Nixon, Hargrave, Devans &amp; Doyle LLP

STREET: Clinton Square, P.O. Box 1051

CITY: Rochester

STATE: New York

COUNTRY: U.S.A.

ZIP: 14603-1051  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/636, 386  
FILING DATE: 23-APR-1996  
CLASSIFICATION: 435  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: US 08/329, 506  
FILING DATE: 26-OCT-1994  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: PCT-US95/13848  
FILING DATE: 25-OCT-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Trianian, Susan J.  
REGISTRATION NUMBER: 34,103  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (716) 263-1634  
TELEFAX: (716) 263-1600  
INFORMATION FOR SEQ ID NO: 5;  
SEQUENCE CHARACTERISTICS:  
LENGTH: 10 amino acids  
TYPE: amino acid  
STRANDEDNESS: not relevant  
TOPOLogy: linear  
MOLECULE TYPE: peptide  
US-08-636-386-5

Query Match

Qy	1 EMTPVNPQ 8	Score 90.0%	DB 1;	Length 10;
Db	2 EMTPVNPQ 9	Best Local Similarity 100.0%; Matches 8; Conservative 0; Mismatches 0; Indels 0;	Pred. No. 0.073;	Gaps 0;

RESULT 4

PCT-US95-13848-5

Sequence 5, Application PC/TUSS9513848

GENERAL INFORMATION:

APPLICANT: HEALTH RESEARCH, INCORPORATED and MIZEJEWSKI, Gerald J.

TITLE OF INVENTION: GROWTH INHIBITOR PEPTIDE AND METHODS OF F

TITLE OF INVENTION: USING SAME

NUMBER OF SEQUENCES: 11

CORRESPONDENCE ADDRESS:

ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP

STREET: P.O. Box 1051, Clinton Square

CITY: Rochester

STATE: New York

COUNTRY: USA

ZIP: 14603

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT-US95/13848  
FILING DATE:

TELEPHONE: 716-263-1636  
 TELEFAX: 716-263-1600  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 10 amino acids  
 STRANDEDNESS: not relevant  
 TOPOLOGY: linear  
 MOLECULE TYPE: Peptide  
 PCT-US55-13848-5

Query Match Score 90.0%; Length 10;  
 Best Local Similarity 100.0%; Pred. No. 0.073; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EMTPYNG 8  
 Db 2 EMTPYNG 9

**RESULT 5**  
**US-07-942-245-115**  
 Sequence 115, Application US/07942245  
 Patent No. 5639641  
 GENERAL INFORMATION:  
 APPLICANT: PEDERSEN, Jan T.  
 APPLICANT: SEARLE, Stephen M.J.  
 APPLICANT: REES, Anthony R.  
 APPLICANT: ROGUSKA, Michael A.  
 APPLICANT: GUILD, Braydon C.  
 TITLE OF INVENTION: SURFACE RESIDUE VENEERING OF RODENT  
 TITLE OF INVENTION: SURFACE RESIDUE VENEERING OF RODENT  
 NUMBER OF SEQUENCES: 522  
 CORRESPONDENCE ADDRESS:  
 ADDRESSE: Sughrue, Mion, Zinn, Macpeak & Seas  
 STREET: 2100 Pennsylvania Avenue, N.W.  
 CITY: Washington  
 STATE: D.C.  
 COUNTRY: United States  
 ZIP: 20037-3202  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: HP 9000/700 Workstation  
 OPERATING SYSTEM: UNIX  
 SOFTWARE: In house  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/07/942, 245  
 FILING DATE: 09-SEP-1992  
 CLASSIFICATION: 530  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (202) 293-7050  
 TELEFAX: (202) 293-7860  
 TELEX: 6491103  
 INFORMATION FOR SEQ ID NO: 116:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 16 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: Peptide  
 US-07-942-245-116

Query Match Score 60.0%; Length 16;  
 Best Local Similarity 62.5%; Pred. No. 36; Mismatches 2; Indels 1; Gaps 0;  
 Matches 5; Conservative 2; Gaps 0;  
 RESULT 7  
**US-08-460-874A-41**  
 Sequence 41, Application US/08460874A  
 Patent No. 5744298  
 GENERAL INFORMATION:  
 APPLICANT: Stuber, Werner  
 APPLICANT: Wieczorek, Leszek  
 APPLICANT: Ziegelmair, Robert  
 TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor  
 TITLE OF INVENTION: and the Use Thereof  
 NUMBER OF SEQUENCES: 49  
 CORRESPONDENCE ADDRESS:  
 ADDRESSE: Finnegan, Henderson, Farabow, Garrett &  
 ADDRESS: Dunner  
 STREET: 1300 I Street, N.W., Suite 700  
 CITY: Washington  
 STATE: D.C.  
 COUNTRY: USA  
 ZIP: 20005-3315  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC DOS/MS-DOS  
 SOFTWARE: Patent Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/460, 874A

Query Match Score 60.0%; Length 16;  
 Best Local Similarity 62.5%; Pred. No. 36; Mismatches 2; Indels 1; Gaps 0;  
 Matches 5; Conservative 2; Gaps 0;

**RESULT 6**  
**US-07-942-245-116**  
 Sequence 116, Application US/07942245

Query Match Score 60.0%; Length 16;  
 Best Local Similarity 62.5%; Pred. No. 36; Mismatches 2; Indels 1; Gaps 0;  
 Matches 5; Conservative 2; Gaps 0;

**RESULT 6**  
**US-07-942-245-116**  
 Sequence 116, Application US/07942245

Patent No. 5639641  
 GENERAL INFORMATION:  
 APPLICANT: PEDERSEN, Jan T.  
 APPLICANT: SEARLE, Stephen M.J.  
 APPLICANT: REES, Anthony R.  
 APPLICANT: ROGUSKA, Michael A.  
 APPLICANT: GUILD, Braydon C.  
 TITLE OF INVENTION: SURFACE RESIDUE VENEERING OF RODENT  
 TITLE OF INVENTION: SURFACE RESIDUE VENEERING OF RODENT  
 NUMBER OF SEQUENCES: 522  
 CORRESPONDENCE ADDRESS:  
 ADDRESSE: Sughrue, Mion, Zinn, Macpeak & Seas  
 STREET: 2100 Pennsylvania Avenue, N.W.  
 CITY: Washington  
 STATE: D.C.  
 COUNTRY: United States  
 ZIP: 20037-3202  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: HP 9000/700 Workstation  
 OPERATING SYSTEM: UNIX  
 SOFTWARE: In house  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/07/942, 245  
 FILING DATE: 09-SEP-1992  
 CLASSIFICATION: 530  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (202) 293-7050  
 TELEFAX: (202) 293-7860  
 TELEX: 6491103  
 INFORMATION FOR SEQ ID NO: 116:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 16 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: Peptide  
 US-07-942-245-116

Query Match Score 60.0%; Length 16;  
 Best Local Similarity 62.5%; Pred. No. 36; Mismatches 2; Indels 1; Gaps 0;  
 Matches 5; Conservative 2; Gaps 0;

RESULT 7  
**US-08-460-874A-41**  
 Sequence 41, Application US/08460874A  
 Patent No. 5744298  
 GENERAL INFORMATION:  
 APPLICANT: Stuber, Werner  
 APPLICANT: Wieczorek, Leszek  
 APPLICANT: Ziegelmair, Robert  
 TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor  
 TITLE OF INVENTION: and the Use Thereof  
 NUMBER OF SEQUENCES: 49  
 CORRESPONDENCE ADDRESS:  
 ADDRESSE: Finnegan, Henderson, Farabow, Garrett &  
 ADDRESS: Dunner  
 STREET: 1300 I Street, N.W., Suite 700  
 CITY: Washington  
 STATE: D.C.  
 COUNTRY: USA  
 ZIP: 20005-3315  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC DOS/MS-DOS  
 SOFTWARE: Patent Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/460, 874A

FILING DATE: 06-JUN-1995  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/936,219  
 FILING DATE: 27-AUG-1992  
 PRIORITY APPLICATION NUMBER: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: DE P4128684.7  
 FILING DATE: 29-AUG-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Forman, David S.  
 REGISTRATION NUMBER: 33,694  
 REFERENCE DOCKET NUMBER: 05552-1210-040000  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 202-408-4000  
 TELEXFAX: 202-408-4000  
 INFORMATION FOR SEQ ID NO: 41:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 14 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: Peptide  
 US-08-388-883B-41

Query Match Score 29; DB 1; Length 14;  
 Best Local Similarity 100.0%; Pred. No. 46;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	3 TPVNP 7
Db	5 TPVNP 9

RESULT 8  
 US-08-388-883B-41  
 Sequence 41, Application US/08388883B  
 Patent No. 5859185  
 GENERAL INFORMATION:  
 APPLICANT: ST BER, Werner  
 ATTORNEY: WIECZOREK, Leszek  
 TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor  
 NUMBER OF SEQUENCES: 49  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
 STREET: 1300 I Street, N.W., Suite 700  
 CITY: Washington,  
 STATE: D.C.  
 COUNTRY: USA  
 ZIP: 20005-3315

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/388,883  
 FILING DATE: 13-FEB-1995  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/300,305  
 FILING DATE: 23-FEB-1994

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/300,305  
 FILING DATE: 27-AUG-1992  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: DE P4128684.7  
 FILING DATE: 29-AUG-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Forman, David S.  
 REGISTRATION NUMBER: 33,694

REFERENCE/DOCKET NUMBER: 5552-1210-02000  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 202-408-4000  
 TELEXFAX: 202-408-4000  
 INFORMATION FOR SEQ ID NO: 41:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 14 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: Peptide  
 US-08-388-883B-41

Query Match Score 29; DB 2; Length 14;  
 Best Local Similarity 100.0%; Pred. No. 46;  
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	3 TPVNP 7
Db	5 TPVNP 9

RESULT 9  
 US-08-462-211A-41  
 Sequence 41, Application US/08462211A  
 Patent No. 6143193  
 GENERAL INFORMATION:  
 APPLICANT: Stuber, Werner  
 ATTORNEY: Wiesczorek, Leszek  
 TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor  
 NUMBER OF SEQUENCES: 49  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
 STREET: 1300 I Street, N.W., Suite 700  
 CITY: Washington,  
 STATE: D.C.  
 COUNTRY: USA  
 ZIP: 20005-3315

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/462,211A  
 FILING DATE: 05-JUN-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/388,883  
 FILING DATE: 13-FEB-1995

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: DE P4128684.7  
 FILING DATE: 29-AUG-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Forman, David S.  
 REGISTRATION NUMBER: 33,694

REFERENCE/DOCKET NUMBER: 5552-1210-03000  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 202-408-4000  
 TELEXFAX: 202-408-4400  
 INFORMATION FOR SEQ ID NO: 41:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 14 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide

US-08-462-211A-41

Query Match 58.0%; Score 29; DB 4; Length 14;  
 Best Local Similarity 100.0%; Pred. No. 46;  
 Matches 5; Conservative 0; Mismatches 0;  
 Indels 0; Gaps 0;

Qy 3 TPVNP 7  
 Db 5 TPVNP 9

RESULT 10

US-08-462-874A-10  
 Sequence 10, Application US/08460874A  
 Patent No. 574498

; GENERAL INFORMATION:

; APPLICANT: Stuber, Werner  
 ; Wiesczorek, Leszek  
 ; Ziegemayer, Robert  
 ; TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor  
 ; NUMBER OF SEQUENCES: 49  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
 ; STREET: 1300 I Street, N.W., Suite 700  
 ; CITY: Washington, D.C.  
 ; STATE: D.C.  
 ; COUNTRY: USA

ZIP: 20005-3315

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/388,883B  
 FILING DATE: 13-FEB-1995  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/300,305  
 FILING DATE: 23-FEB-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/936,219  
 FILING DATE: 7-AUG-1992  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: DE P4128684.7  
 FILING DATE: 29-AUG-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Forman, David S.  
 REGISTRATION NUMBER: 33,694  
 REFERENCE/DOCKET NUMBER: 5552-1210-02000  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 202-408-4000  
 TELEFAX: 202-408-4400  
 INFORMATION FOR SEQ ID NO: 10:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/936,219  
 FILING DATE: 27-AUG-1992  
 CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: DE P4128684.7  
 FILING DATE: 29-AUG-1991  
 ATTORNEY/AGENT INFORMATION:

NAME: Forman, David S.

REGISTRATION NUMBER: 33,694

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-408-4000  
 TELEFAX: 202-408-4400  
 INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: peptide

US-08-388-883B-10

RESULT 11

US-08-462-874A-10  
 Sequence 10, Application US/08460874A  
 Patent No. 574498

; GENERAL INFORMATION:

; APPLICANT: Wiesczorek, Leszek  
 ; Ziegemayer, Robert  
 ; TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor  
 ; NUMBER OF SEQUENCES: 49  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
 ; STREET: 1300 I Street, N.W., Suite 700

; RESULT 12

US-08-462-211A-10

Sequence 10, Application US/08462211A  
 Patent No. 613493

; GENERAL INFORMATION:

; APPLICANT: Stuber, Werner  
 ; Wiesczorek, Leszek  
 ; Ziegemayer, Robert  
 ; TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor  
 ; NUMBER OF SEQUENCES: 49  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
 ; STREET: 1300 I Street, N.W., Suite 700

CITY: Washington,  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20005-3115

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/462,211A  
FILING DATE: 05-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/388,883  
FILING DATE: 13-FEB-1995  
APPLICATION NUMBER: US 08/300,305  
FILING DATE: 23-FEB-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/936,219  
FILING DATE: 27-AUG-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: DE P4128684.7  
FILING DATE: 29-AUG-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Forman, David S  
REGISTRATION NUMBER: 33,694  
REFERENCE/DOCKET NUMBER: 5552-1210-03000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-408-4000  
TELEFAX: 202-408-4400

INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide

Query Match 58.0%; Score 29; DB 4; Length 19;  
Best Local Similarity 100.0%; Pred. No. 63; Mismatches 0; Indels 0; Gaps 0;  
US-08-462-211A-10

Qy 3 TPVNP 7  
Db 15 TPVNP 19

RESULT 13  
US-08-935-009A-5  
Sequence 5, Application US/08935009A  
Patent No. 6177241

GENERAL INFORMATION:  
APPLICANT: Maine, Gregory T.  
TITLE OF INVENTION: USE OF PEPTIDES TO IMPROVE  
TITLE OF INVENTION: SPECIFICITY OF AN ENZYME IMMUNOASSAY FOR  
TITLE OF INVENTION: THE DETECTION OF HERPESVIRUS SPECIFIC IGM ANTIBODY  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Abbott Laboratories  
STREET: 100 Abbott Park Road  
CITY: Abbott Park  
STATE: IL  
COUNTRY: USA  
ZIP: 60064

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSEQ Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/935,009A  
FILING DATE:

CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Weinstein, David L  
REGISTRATION NUMBER: 28,128  
REFERENCE/DOCKET NUMBER: 6186.US.01  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 847-937-6182  
TELEFAX: 847-938-2623  
TELEX:  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: No. 6177241  
US-08-935-009A-5

Query Match 58.0%; Score 29; DB 4; Length 20;  
Best Local Similarity 100.0%; Pred. No. 66; Mismatches 0; Indels 0; Gaps 0;

Qy 3 TPVNP 7  
Db 3 TPVNP 7

RESULT 14  
US-09-294-457-5  
Sequence 5, Application US/09294457  
Patent No. 6348567

GENERAL INFORMATION:  
APPLICANT: Krystal, Gerald  
APPLICANT: Rabkin, Simon W  
TITLE OF INVENTION: No. 6348567el Peptides and Their Use to  
Title of Invention: Ameliorate Cell Death  
FILE REFERENCE: 50216/003003  
CURRENT APPLICATION NUMBER: US/09/294,457  
CURRENT FILING DATE: 1999-04-19  
PRIOR APPLICATION NUMBER: US 08/759,599  
PRIOR FILING DATE: 1996-12-05  
PRIOR APPLICATION NUMBER: US 60/008,233  
PRIOR FILING DATE: 1995-12-06  
NUMBER OF SEQ ID NOS: 16  
SOFTWARE: FastSEQ for Windows Version 4.0  
SEQ ID NO 5

Length 16  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Polypeptide

US-09-294-457-5

Query Match 56.0%; Score 28; DB 4; Length 16;  
Best Local Similarity 57.1%; Pred. No. 77; Mismatches 2; Indels 0; Gaps 0;

Qy 1 EMTPVNP 7  
Db 9 QFTPLNP 15

RESULT 15  
US-08-759-599-5  
Sequence 5, Application US/08759599  
Patent No. 5917013

GENERAL INFORMATION:  
APPLICANT: Rabkin, Simon  
APPLICANT: Krystal, Gerald  
TITLE OF INVENTION: NOVEL PEPTIDES AND THEIR USE TO

TITLE OF INVENTION: AMELIORATE CELL DEATH  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SPEED AND BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/759,599  
FILING DATE: 05-DEC-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: McMasters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 780059.401  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
TELEX: 3723836  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Peptide  
US-08-759-599-5

Query Match 56.0%; Score 28; DB 2; Length 18;  
Best Local Similarity 57.1%; Pred. No. 87;  
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;  
QY 1 EMTPVNP 7  
Db 9 QFTPLNP 15

Search completed: December 10, 2002, 11:44:01  
Job time : 11.2557 secs